

# NOVA UACP (800W)



Job: \_\_\_\_\_  
Model: \_\_\_\_\_

Type: \_\_\_\_\_  
Date: \_\_\_\_\_

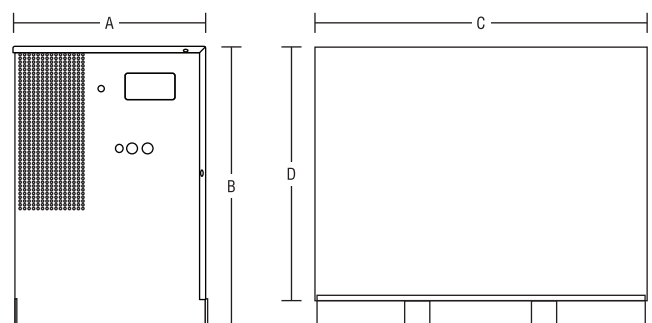


## ■ specifications: internal

With the **NOVA UACP** (Pure Sine Wave), normally on lighting can be converted into emergency lighting in the event of a power failure. Often times, normal lighting will even provide greater illumination on the path of egress for added safety. Eliminate the need for stand alone emergency units and improve the aesthetics of the space using this alternative method of egress lighting. With the **NOVA UACP** providing output AC power, the DC line voltage drop concern of a battery pack is eliminated. The **NOVA UACP** Pure Sine Wave is suitable for fluorescent, incandescent, LED and most compact fluorescent lighting. The surge peak lighting load is 3000W for 0.5 seconds. Minimum 90 minute run time is standard.

## ■ specifications: external

**HOUSING:** The **NOVA UACP** is constructed with a durable 14 gauge steel housing. Stamped conduit knockouts are standard. An optional 120V removable line cord is offered on all **NOVA UACP** units. Loads are connected to sturdy terminal blocks. The **NOVA UACP** is supplied in a white powder coat finish. The **NOVA UACP** features ventilation management for efficient cooling and operation of the charging system. The **NOVA UACP** utilizes a high performance inverter allowing the units to be loaded to full capacity.



| Series      | A              | B           | C              | D           |
|-------------|----------------|-------------|----------------|-------------|
| NVUACP 800W | 15.25" (387mm) | 22" (559mm) | 26.25" (667mm) | 20" (508mm) |

## ■ optional accessories

| Item          | Description                       |
|---------------|-----------------------------------|
| 100003100-032 | Remote mounted converter for 277V |

Converter will be built in a separate cabinet

## ■ ordering information

EXAMPLE: NVUACP 800W 120/277V AT

| Series              | Wattage | Voltage (input/ output) | Options   |
|---------------------|---------|-------------------------|---|
| NVUACP <sup>1</sup> | 800W    | 120/120V                | AT (autotest)                                     |
|                     |         | 120/277V                | CC (custom color - specify)                       |
|                     |         | 277/277V                | FAI <sup>2</sup> (fire alarm interface - AT only) |
|                     |         | 277/120V                | LC (120V line cord - not available with TLP)      |
|                     |         |                         | TD <sup>3</sup> (time delay - AT only)            |
|                     |         |                         | TLP (twist lock plug - not available with LC)     |

Not recommended for use with HID lighting

**NOTE 1:** Freight not included for this item

**NOTE 2:** Specify signal type: open dry contact, closed dry contact or 6-24VDC **NOTE 3:** Specify when ordering: 5, 10, 20 min. (10 min standard)

## ■ specifications: electrical

**BATTERY:** The **NOVA UACP** is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four [24] hours.

**CIRCUIT:** The **NOVA UACP** is supplied with a panel which displays the input system status and battery level. An audible alarm is standard that will sound to indicate if the battery voltage is low. In addition, the battery condition and any faults are communicated through the illuminated panel showing the real-time operational data and messages.

## ■ specifications: mechanical

The **NOVA UACP** is designed to be floor mounted in indoor installation environments. The unit is elevated on supports for flood protection and have anchor holes for secure mounting. The fully enclosed housing top offers added drip protection.

## ■ self-powered

Using the **NOVA UACP** to convert normally-on lighting into emergency lighting provides greater safety, savings and flexibility. There is the potential for greater illumination on the path of egress with general lighting. By making use of the general lighting you will save the cost of additional emergency lighting battery units and provide a more architecturally pleasing design. With AC power input and output, the installation will be more flexible and there will be no concern of voltage drop to the loads.

## ■ pure sine wave

True sine wave power is required to ensure there is no interruption in delivering emergency power. The pure sine wave system is compatible with all power supplies, LED drivers and lighting ballasts. The **NOVA UACP** is a standby IPS system with a transfer time of 10 milliseconds. Which is suitable for specified lighting loads under emergency backup.

## ■ autotest

The **NOVA UACP** is available with the Beghelli Autotest system that provides constant monitoring of the **NOVA UACP**. A red, green and orange LED will indicate utility, battery condition and fault status. The Beghelli Autotest system monitors the brownout protection, battery overload, battery condition and low voltage disconnect. Before the event of the end of run-time / low voltage disconnect, an audible alarm will sound. The Beghelli Autotest system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 90 minute discharge tests, within 48 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED.

## ■ warranty

Unit: 18 months from ship date, or 12 months from turn-on date; whichever comes first. Additional years can be added. Contact your Beghelli associate for more details.

Battery: 1-year full warranty; 9-years pro-rated.